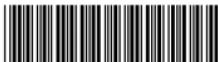


|   |                         |  |   |  |
|---|-------------------------|--|---|--|
| <b><i>Index of Claims</i></b>   | Application/Control No. |  | Applicant(s)/Patent Under Reexamination |  |
|   | 10531582                |  | HARADA ET AL.                           |  |
|  | Examiner                |  | Art Unit                                |  |
|   | JAY C KIM               |  | 2815                                    |  |

|   |          |   |            |   |              |   |          |
|---|----------|---|------------|---|--------------|---|----------|
| ✓ | Rejected | - | Cancelled  | N | Non-Elected  | A | Appeal   |
| = | Allowed  | ÷ | Restricted | I | Interference | O | Objected |

|       |          | Claims renumbered in the same order as presented by applicant |            |            |            |            |            | CPA | T.D. | R.1.47 |
|-------|----------|---|------------|------------|------------|------------|------------|-----|------|--------|
|       |          | DATE  |            |            |            |            |            |     |      |        |
| Final | Original | 02/27/2008  | 06/13/2008 | 02/03/2008 | 10/21/2009 | 05/26/2010 | 02/11/2011 |     |      |        |
|       | 1        | +   | N          | N          | -          | -          | -          |     |      |        |
|       | 2        | +   | N          | N          | -          | -          | -          |     |      |        |
|       | 3        | +   | N          | N          | -          | -          | -          |     |      |        |
|       | 4        | +   | N          | N          | -          | -          | -          |     |      |        |
|       | 5        | +   | N          | N          | -          | -          | -          |     |      |        |
|       | 6        | +   | N          | N          | -          | -          | -          |     |      |        |
|       | 7        | +   | N          | N          | -          | -          | -          |     |      |        |
|       | 8        | +   | N          | N          | -          | -          | -          |     |      |        |
|       | 9        | +   | N          | N          | -          | -          | -          |     |      |        |
|       | 10       | +   | N          | N          | -          | -          | -          |     |      |        |
|       | 11       | +   | N          | N          | -          | -          | -          |     |      |        |
|       | 12       | +   | N          | N          | -          | -          | -          |     |      |        |
|       | 13       | +   | ✓          | ✓          | ✓          | ✓          | ✓          |     |      |        |
|       | 14       | +   | ✓          | ✓          | ✓          | ✓          | ✓          |     |      |        |
|       | 15       | +   | ✓          | ✓          | ✓          | ✓          | ✓          |     |      |        |
|       | 16       | +   | ✓          | ✓          | ✓          | ✓          | ✓          |     |      |        |
|       | 17       | +   | ✓          | ✓          | ✓          | ✓          | ✓          |     |      |        |
|       | 18       | +   | N          | N          | N          | N          | N          |     |      |        |
|       | 19       | +   | N          | N          | N          | N          | N          |     |      |        |
|       | 20       | +   | ✓          | ✓          | ✓          | ✓          | ✓          |     |      |        |
|       | 21       | +   | ✓          | ✓          | ✓          | ✓          | ✓          |     |      |        |
|       | 22       | +   | N          | N          | N          | N          | N          |     |      |        |
|       | 23       | N   | N          | N          | -          | -          | -          |     |      |        |
|       | 24       | N   | N          | N          | -          | -          | -          |     |      |        |
|       | 25       | N   | N          | N          | -          | -          | -          |     |      |        |
|       | 26       | N   | N          | N          | -          | -          | -          |     |      |        |
|       | 27       |   |            |            | ✓          | ✓          | ✓          |     |      |        |